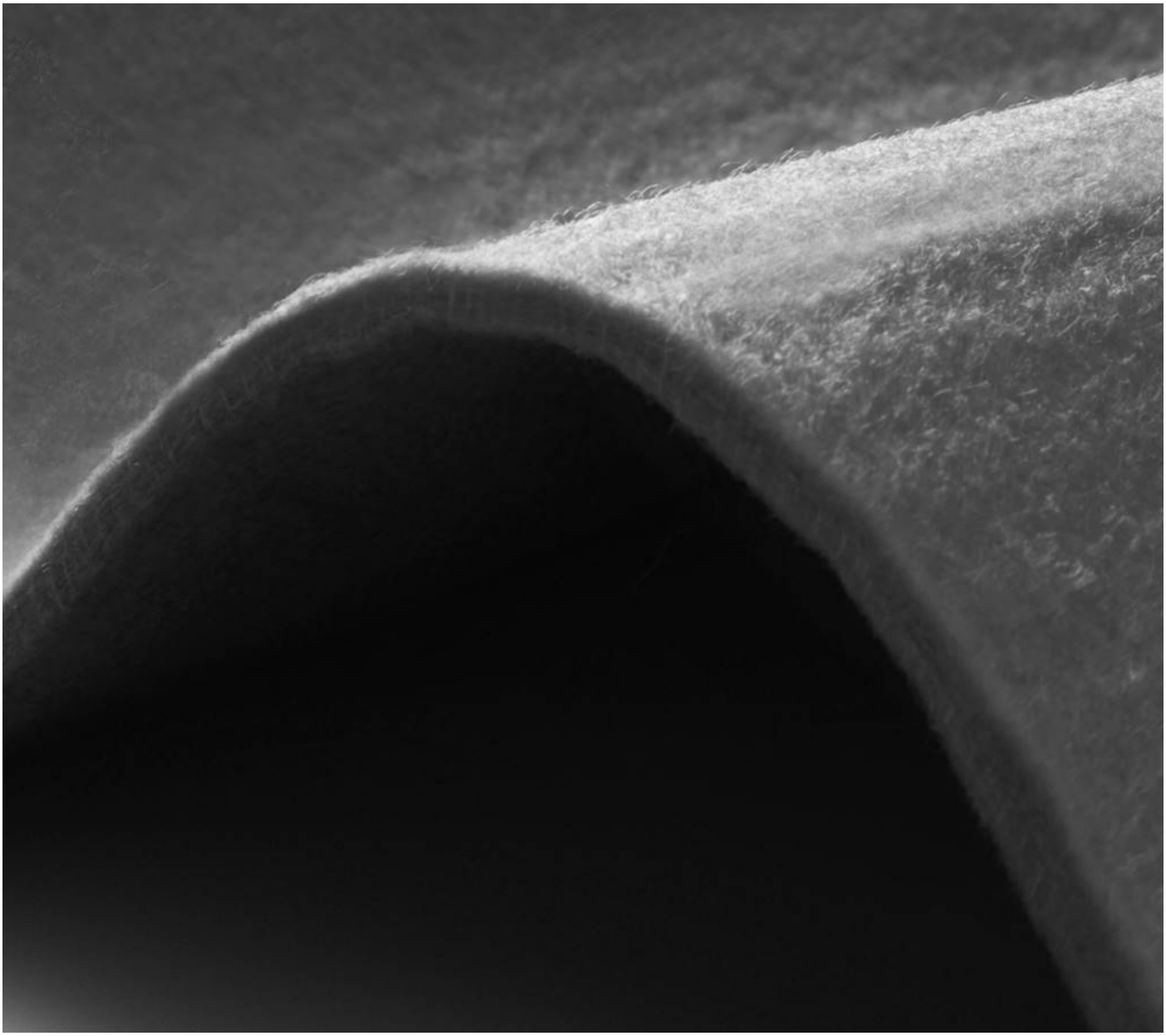
SOLMAX

INSTALLATION GUIDELINE

MIRAFI P



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1. GROUND PREPARATION

When the geotextile is installed on subsoil the surface has to be flat with no stones or other objects protruding. Installation on geosynthetic membranes requires no preparation.

2. LAYING OF GEOTEXTILES

On even grounds the geotextile is unrolled manually by pushing the roll forward.

For installation on slopes the geotextile roll shall be lifted with a crane or similar. For this purpose a steel pipe (Ø 50-80mm) shall be fed into the core of the geotextile roll and a rope or chain is fixed to both ends of this pipe. The geotextile roll is lifted and the end of the fabric is pulled downwards the slope. Alternatively the end of the fabric is fixed to the lower end of the slope and the crane is lifting the roll upwards.

Driving any vehicles directly on the geotextile is not permitted.

3. FIXING OF THE GEOTEXTILE

To avoid slipping down the slope the upper end of the geotextile shall be fixed either with plugs (installation on soil) or by embedding in a trench (installation on geosynthetic membrane). To prevent disarrangement by winds sandbags or similar shall be placed at regular distances along the edges of the geotextile.

4. JOINTING OF GEOTEXTILE LAYERS

Jointing is made by overlapping of rolls by at least 300 mm. To avoid disarrangement by winds the overlaps can be fixed by welding. The surface of the lower geotextile is heated with a propane burner or a blowlamp to soften the fibers and allow them to fuse when the upper geotextile is pressed onto it. Care should be taken not to overheat the geotextile. Wet geotextiles cannot be welded.

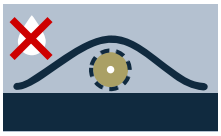
5. PLACING OF DRAINAGE GRAVEL

Trucks should not be driven directly over the geotextile; the gravel should be back dumped and then spread by a dredger with low contact pressure. Any traffic with high wheel loads (trucks) shall be avoided, resp. paths with good load distributing properties and a thickness of >600mm shall be prepared.

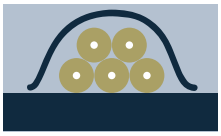
7. STORAGE AND HANDLING



Store on dry and even subgrade.



Cover rolls with damages wrapping.



Cover rolls when stored for >2 weeks.

To avoid damage to the rolls, prepare a suitable storage area of sufficient size to allow unloading, storage, and handling. Different grades or roll size dimensions shall be stored separately. When stored for more than 2 weeks, the rolls shall be covered completely to protect them from direct sunlight.

About Solmax

Solmax is a world leader in sustainable construction solutions, for civil and environmental infrastructure. Its pioneering products separate, contain, filter, drain and reinforce essential applications in a more sustainable way – making the world a better place. The company was founded in 1981, and has grown through the acquisition of GSE, TenCate Geosynthetics and Propex. It is now the largest geosynthetics company in the world, empowered by more than 2,000 talented people. Solmax is headquartered in the province of Quebec, Canada, with subsidiaries and operations across the globe.

Uncompromised quality

Our products are manufactured to strict international quality standards. All our products are tested and verified at our dedicated and comprehensive laboratories which maintain numerous accreditations. We offer our partners a wide scope of testing according to published standards to ensure products delivered to sites meet specified quality requirements.

Let's build infrastructure better

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